

AMENDMENTS TO THE CLAIMS:

Please amend claims 1, 5-11, 14, 15 and 38, as shown below.

This listing of claims will replace all prior versions and listings of claims in the
Application:

Claim 1 (currently amended): A fully contained solar powered laminated electrical tape illumination device comprising a plurality of flexible layers in the following stacked order:

a flexible base sealing layer;

a flexible thin film battery layer;

a flexible electrical circuitry layer;

a flexible thin film photovoltaic layer to produce electricity;

an illuminator layer; and

a protective surface,

wherein an adhesive having a removable covering is applied to said protective surface or base sealing layer, wherein all of the aforesaid layers are flexible and the assembled laminated device is also flexible, and wherein the electrical circuitry layer is sandwiched directly between the battery layer and the photovoltaic layer and electrically connects the battery layer and the photovoltaic layer.

Claims 2-4 (cancelled).

Claim 5 (currently amended): The device as in claim 1 further comprising an alternative electrical power inlet and outlet connection point in electrical connection with said electrical circuitry layer.

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Claim 6 (currently amended): The device as in claim 1 further comprising a thermally conductive layer in contact with one or more of said electric components or layers to dissipate heat from said ~~electric components~~device.

Claim 7 (currently amended): The device as in claim 1 further comprising one or more sensor switches in electrical connection with said electrical circuitry layer for turning one or more of said ~~electrical components~~battery layer, photovoltaic layer and illuminator layer on and off.

Claim 8 (currently amended): The device as in claim 1 further comprising one or more controllers in electrical connection to one or more of said battery layer, electrical components or circuitry layer, photovoltaic layer and illuminator layer to control activation, duration of illumination and/or signal.

Claim 9 (currently amended): The device as in claim 8 further comprising one or more sensors in electrical connection to said electrical circuitry layer to provide sensor feedback to the one or more controllers.

Claim 10 (currently amended): The device as in claim 1 further comprising one or more signal transmitters and receivers in electrical connection to one or more of said layers~~electrical circuitry~~.

Claim 11 (currently amended): The device as in claim 1 wherein said electrical circuitry layer prevents electric current drain through said photovoltaic layer.

Claims 12 and 13 (cancelled)

Claim 14 (currently amended): The device as in claim 1 wherein one or more of the ~~electrical component layers~~battery layer, electrical circuitry layer, photovoltaic layer and illuminator layer are transparent.

Claim 15 (currently amended): The device as in claim 1 wherein one or more of the ~~non-electrical component layers~~base sealing layer and protective surface are transparent.

Claim 16 (previously presented): The device as in claim 1 further comprising one or more transparent adhesive layers.

Claim 17 (previously presented): The device as in claim 1 wherein the illuminator layer emits light in the visible light spectrum, non-visible spectrum or combination of both.

Claim 18 (previously presented): The device as in claim 17 wherein the illuminator layer comprises one or more light emitting diodes.

Claim 19 (previously presented): The device as in claim 17 wherein the illuminator layer comprises one or more organic light emitting devices.

Claim 20 (previously presented): The device as in claim 17 wherein the illuminator layer comprises one or more electroluminescent materials.

Claim 21 (previously presented): The device as in claim 17 wherein the illuminator layer comprises one or more illuminating chips.

Claim 22 (previously presented): The device as in claim 1 further comprising one or more layers of light refractive materials.

Claim 23 (previously presented): The device as in claim 1 further comprising one or more layers of light reflective materials.

Claim 24 (previously presented): The device as in claim 23 wherein the light reflective material is oriented to reflect in one or more directions.

Claim 25 (previously presented): The device as in claim 1 further comprising one or more layers of fluorescent materials.

Claim 26 (previously presented): The device as in claim 1 further comprising one or more layers of luminescent materials.

Claim 27 (previously presented): The device as in claim 1 further comprising one or more layers of dielectric materials.

Claim 28 (previously presented): The device as in claim 1 wherein an exterior surface of the device is smooth.

Claim 29 (previously presented): The device as in claim 1 wherein an exterior surface of the device is textured.

Claim 30 (previously presented): The device as in claim 1 wherein one or more electrical components are combined in a single layer.

Claim 31 (previously presented): The device as in claim 1 comprising a plurality of layers or multiple devices assembled edge to edge.

Claim 32 (previously presented): The device as in claim 1 comprising a plurality of layers or multiple devices laminated edge to edge.

Claim 33 (previously presented): The device as in claim 1 comprising a plurality of devices in electrical, illumination or signal connection.

Claims 34-35 (cancelled)

Claim 36 (previously presented): A device as in claim 17 wherein the illuminator layer includes an electrically powered light source selected from the group consisting of a laser, a photonic, an LED and a miniature light emitting source.

Claim 37 (previously presented): A device as in claim 1, formed by roll-to-roll lamination.

Claim 38 (currently amended): The device as in claim 1, wherein the electrical circuitry layer is printed, etched or plated on a laminate film or layer that corresponds with the electrode connections for each respective layer.

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